

CD NO.

25X1

DATE DISTR. 1 SEP 49

NO. OF PAGES 2

NO. OF ENCLS.  
(LISTED BELOW)

SUPPLEMENT TO  
REPORT NO.

25X1

THIS IS UNEVALUATED INFORMATION

2. The construction of specially large blower machines, which are called  
25X1 "disintegrators", will be especially favored. [redacted] two machines  
were ordered, but up to this time they are only sixty percent complete since  
several very important parts, such as the ball bearing for the shaft, are  
25X1 lacking. [redacted] a total of twenty-five machines is scheduled  
to be delivered, but with present results this will not be possible because  
it takes six weeks to assemble a machine.

### a. Dimensions

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Greatest width	8 m
Greatest height	4.5 m
Weight of shaft with runners	4,500 l
Diameter of bearing	160 mm

This document is hereby regraded to  
CONFIDENTIAL in accordance with the  
letter of 16 October 1973 from the  
Director of Central Intelligence to the  
Archivist of the United States.

Next Review Date: 2003

### b. Operational Data

Amount of gas handled	60,000-80,000 cu.m. per hour
Type of gas processed	Damp half-water gas, containing sulphurous water
Suction temperature	75° C
Suction pressure	0.95 atm

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CENTRAL INTELLIGENCE AGENCY

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Temperature increase in blower	25° C
Specific weight of gas at intake	0.63-0.74
Suction pipe sockets	900 mm in diameter
Exhaust pressure	1.26-1.32 atm
Number of revolutions of blower	720 per minute
Voltage of motor	6,000 V
Driving output	450 Kw

c. Variations in Operation

Suction pressure	0.95 atm
Suction temperature	- 30° C
Exhaust temperature	+ 30° C

4. Several machines of the same type were built with an intake having an NW 700 and a diameter of 500 mm, and an intake quantity of 20,000 - 32,000 cu.m. per hour; the machines are intended for water gas, coke oven gas, or air. The intake temperature lies between - 30° and 0° C, the exhaust temperature between 50° and 75° C. These machines are supposedly to wash the gas as it is sucked in. The casing contains guide metal sheets which are perforated and which lie directly before the runners. The machines need to be cleaned every two months.
5. A great scarcity of material prevails for the reason that the required cast steel parts which are being delivered can be used only to a limited extent because they show defects.
6. Monthly production comprises the following:
- Reparations: 6 T G 4 N A/2 Grain elevators  
3 T K K L Turbine capsule blowers  
10 K P 300 S A Penicillin blowers
  - Code Name: Dessin
  - Other: 9 T P 6 N A/2 Turbine pumps  
6 K G Capsule blowers  
50 Water pumps driven by compressed air

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